
LD 21: Print Routine 2

Overlay program 21 allows data to be printed for the following:

- customer data blocks
- code restriction data blocks
- route data blocks
- trunks within a route
- ATM routes
- ATM schedules
- CAS keys
- associated TN

Set Relocation data

This prints the sets which have “relocated out”, but have not “relocated back in”. With Automatic Set Relocation the set's serial number, NT code, color code, and release are also printed.

Changes for Release 21

The input processing has also been enhanced, prompts ending with a colon (:) allow the user to enter either

- 1 a question mark (?) followed by a carriage return (<cr>) to get a list of valid responses to that prompt, or
- 2 an abbreviated response, the system then responds with the nearest match. If there is more than one possible match the system responds with SCH0099 and the input followed by a question mark and a list of possible responses. The user can then enter the valid response.

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request (aaa = END, LTM, or PRT)
TYPE	a...a	Type of data block (TYPE responses begin on page 554)
CUST	xx	Customer number associated with this data block
SIZE	0-4000	CLID entry size
RNGE	aa ... aa	CLID entry or entries to be printed
HOURL	0-23	All routes tested by ATM for this hour
OPR	(NO) YES	Outpulsing Route
ROUT	0-511	Route number
ACOD	x...x	Access Code for route
AACR	(NO) YES	The route (is not)/is acquired by the application
ASID	x...x	Application Service ID from which the aquired request originated

Alphabetical list of print reports

Application Module Link (AML) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	AML	Application Module Link
CUST	0-99	Customer number

Attendant Console (ATT) data from LD 15

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ATT	Attendant consoles
CUST	0-99	Customer number

Automatic Number Identification (ANI) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ANI	Automatic Number Identification
CUST	0-99	Customer number

Automatic Trunk Maintenance (ATM) route data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ATM	ATM routes
CUST	0-99	Customer number
ROUT	0-511	Route number to be printed

Automatic Trunk Maintenance (ATM) schedule data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	SCH	ATM schedules
CUST	0-99	Customer number
HOUR	0-23	Print all routes tested by ATM for this hour
	<cr>	Print routes tested for all hours

Automatic Wake Up (AWU) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	AWU	Automatic Wake Up
CUST	0-99	Customer number

Call Detail Recording (CDR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CDR	CDR and Charge Account
CUST	0-99	Customer number

Call Redirection (RDR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	RDR	Call Redirection options
CUST	0-99	Customer number

Centralized Attendant Service (CAS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CAS	Centralized Attendant Service
CUST	0-99	Customer number

Centralized Attendant Service (CASK) Key

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CASK	Centralized Attendant Service key
CUST	0-99	Customer number

Code Restriction (CRB) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CRB	Code Restriction data
CUST	0-99	Customer number
ROUT	0-511	Route number to be printed

Controlled Class of Service (CCS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CCS	Controlled Class of Service
CUST	0-99	Customer number

Customer data block (CDB)

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CDB	Customer data block Note: If you need information regarding System Passwords, print PWD_DATA field by itself. PWD_data will not be provided by printing CDB.
CUST	0-99	Customer number

Features and options (FTR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FTR	Features and Options
CUST	0-99	Customer number

Flexible Code Restriction (FCR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FCR	New Flexible Code restrictions
CUST	0-99	Customer number

Flexible Feature Codes (FFC) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FFC	Flexible Feature Code
CUST	0-99	Customer number

Hospitality Management (HSP) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	HSP	Hospitality Management options
CUST	0-99	Customer number

Integrated Message Service (IMS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	IMS	Integrated Message Service
CUST	0-99	Customer number

Intercept Computer Update (ICP) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ICP	Intercept computer options
CUST	0-99	Customer number

Intercept Treatments (INT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	INT	Intercept treatment options
CUST	0-99	Customer number

ISDN Signaling Link (ISLL) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ISLL	ISDN Signaling Link trunk TN

Listed Directory Numbers (LDN) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	LDN	Departmental Listed Directory Numbers
CUST	0-99	Customer number

Multi-Party Operations (MPO) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	MPO	Multi-party options
CUST	0-99	Customer number

Networking (NET) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	NET	ISDN and ESN networking options
CUST	0-99	Customer number

Night Service (NIT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	NIT	Night Service
CUST	0-99	Customer number

Off Hook Alarm Security (OAS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	OAS	Off-Hook Alarm Security
CUST	0-99	Customer number

Password (PWD) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PWD	Customer Related Passwords
CUST	0-99	Customer number

Periodic Pulse Metering (PPM) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PPM	Periodic Pulse Metering
CUST	0-99	Customer number

Recorded Overflow Announcement (ROA) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ROA	Recorded Overflow Announcement options
CUST	0-99	Customer number

Route Data Block (RDB)

Prompt	Response	Comment
REQ	PRT	Print
TYPE	RDB	Route Data Block
CUST	0-99	Customer number
ROUT	0-511	Route number to be printed
	<cr>	Print data for all routes
ACOD	xxxx	Route access code

Secure Data Password (SDP) (Release 20 and earlier)

With the LAPW package restricted or unrestricted, a craftsperson logged in with an administrator's password (Level 1 or 2) must enter the Level 2 password at the PWD2 prompt.

With the LAPW package unrestricted, printing of the secure data password is suppressed for craftsperson's logged in with a LAPW password.

Prompt	Response	Comment
REQ	PRT	Print
TYPE	SDP	Secure Data Password
CUST	0-99	Customer number
PWD2	xxxx	Level 2 password

Set Relocation (SRDT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	SRDT	Recent Set Relocation activity

Test lines (TST) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	TST	Test lines
CUST	0-99	Customer number

Timers (TIM) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	TIM	Timer options
CUST	0-99	Customer number

Trunk Members (LTM) data

Prompt	Response	Comment
REQ	LTM	List Trunk members
CUST	0-99	Customer number
ROUT	0-511	Route number to be printed
ACOD	xxxx	Route Access Code

Alphabetical list of prompts

Prompt	Response	Comment	Pack/Rel
AACR	(NO) YES	The route is not acquired by the application The route is acquired by the application	nxcc-22
ACOD	x...x <cr>	Access Code for route Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Print data for all route access codes This prompt appears when ROUT = <cr>	basic-1
ASID	x...x	Application Service ID from which the acquired request originated ASID is used for sending route status messages. The ASID value is updated based on the application's Acquire message for the route. Since the AML over Ethernet (ELAN) is used to communicate between the Meridian 1 and other applications, the VSID value might be used to uniquely identify the application which has acquired that device.	nxcc-22
CALB	1 2 ...	Call Filter Bitmap CALB applies to messages such as PCI, DN update, etc. This bitmap is downloaded by the application which is used to control the sending of messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding set message is enabled. CALB is printed if AACR = YES.	nxcc-22
CUST	xx xx <cr>	Customer number Print data range from first to last customer Not prompted when: • REQ = LUU or LUC • TYPE = SCL, DIG or TEM • a complete TN is entered Print data blocks for all customers	basic-1
HOURL	0-23 <cr>	All routes tested by ATM for this hour Print routes tested by ATM for all hours	

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Prompt	Response	Comment	Pack/Rel
OPR	(NO) YES	Outpulsing Route This prompt appears when OPOA is equipped. Prompted on TN related data	
REQ	END LTM PRT	Request Exit overlay program Print trunk route by TN and member number Print data block for the TYPE specified.	basic-1
RNGE	aa ... aa	CLID entry to be printed You may print one CLID entry or several CLID entries. If you want to print several CLID entries, separate each entry with a comma. Each CLID entry must be between 0 and the number entered for the prompt SIZE in LD 15.	isdn-22
ROUT	0-127 0-511 <cr>	Route number For machine types NT, RT, XN, XT and system Options 51, 61, and 71 (Release 14 and later). Print data for all routes This prompt appears when TYPE = CRB or RDB	basic-1
SFNB	1 2 ...	Set Feature Notification Bitmap SFNB is used for messages such as: SFN (login), SFN (logout), ... This bitmap is downloaded by the application which is used to control the sending of SFN messages on behalf of the acquired TN. A numeric value is printed only if the corresponding message is enabled. SFNB is printed if AACR = YES.	nxcc-22
SIZE	- - -	CLID entry size. The SIZE prompt and the SIZE value print out automatically after the CUST prompt.	isdn-22
TYPE		Type of data block	basic-1
	AML_DATA	Application Module Link	
	ANI_DATA	Automatic Number Identification numbers	

Prompt	Response	Comment	Pack/Rel
	ATM	Automatic Trunk Maintenance (ATM) data block	
	ATT_DATA	QCW3 or QCW4 Attendant Console	
	AWU_DATA	Enable Automatic Wake-up	
	CASK	Centralized Attendant Service (CAS) key data block	
	CAS_DATA	Centralized Attendant Service	
	CCS_DATA	Controlled Class of Service options	
	CDB	Customer Data Block Note: If you need information regarding System Passwords, print PWD_DATA field by itself. PWD_data will not be provided by printing CDB.	
	CDR_DATA	Call Detail Recording	
	CLID	Calling Line Identification entry data	
	CRB	Code Restriction data block	
	FCR_DATA	New Flexible Feature code options	
	FFC_DATA	Flexible Feature Codes	
	FTR_DATA	Feature	
	HSP_DATA	Hospitality	
	ICP_DATA	Intercept Positions and interrogation sets. Prompted when REQ = PRT	
	IMS_DATA	Integrated Messaging System	
	INT_DATA	Alarm ring for Internal calls	
	ISLL	IASL ISDN Signaling Link data block. This prompt appears when REQ = PRT.	
	LDN_DATA	Listed Directory Number	
	MPO_DATA	Multi-party options	

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Prompt	Response	Comment	Pack/Rel
	NET_DATA	ISDN and ESN networking options	
	NIT_DATA	Night Service options	
	NPID	Numbering Plan Digit or Information Digit table	
	OAS_DATA	Off-Hook Alarm Security options	
	PPM_DATA	Periodic Pulse Metering options	
	PWD_DATA	Print the system Passwords (Release 19 and later)	
	RDB	Route Data Block With Release 14, a printout of a route with the Night Key for DID Digit Manipulation (NKDM) active will show * opposite the value for DCNO or NDNO.	
	RDR_DATA	Call Redirection	
	ROA_DATA	Recorded Overflow Announcement	
	SCH	Schedule data block for ATM	
	SDP	Secure data password (Release 20 & earlier)	
	SRDT	Set Relocation Data block	
	TIM_DATA	System Speed Call	
	TST_DATA	Loop Test trunk data	

Prompt	Response	Comment	Pack/Rel
USFB	1 2 ...	Unsolicited Status Message (USM) Filter Bitmap USFB applies to messages such as: • Onhook, Offhook, Ringing, Active, Disconnect, Unringing, Hold, Restore, Ready, Not Ready, Walkaway, Walkaway Return, Reserved, Unreserved, ... This bitmap is downloaded by the application which is used to control the sending of USM messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding message set is enabled. USFB is printed if AACR = YES.	nxcc-22
